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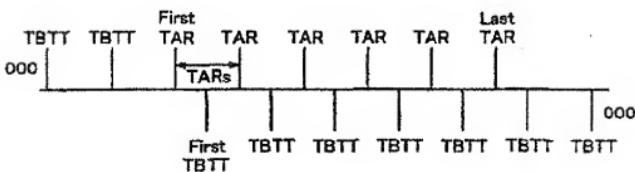
(54) Method to dynamically change all management information base (MIB) parameters of a wireless data network

(57) A method of changing parameters in an 802.11 WLAN includes determining a performance metric for the WLAN; monitoring the performance of the WLAN with a monitor management entity; generating a terminate and reconvene message when the performance of the WLAN drops below a performance metric

threshold; selecting a reconvene BSS having a reconvene BSSID, changed 802.11 parameters and setting a time for the reconvene BSS to become operational; transmitting the terminate and reconvene message to all STAs in the BSS; and instantiating the reconvene BSS at the set time.

## FIG.1

### ORIGINAL BSS



### RECONVENE BSS



## EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.)
X,D	<p>CERVELLO G ET AL: "Dynamic Channel Selection (DCS) Scheme for 802.11"            IEEE 802.11-00/195, XX, XX,            12 July 2000 (2000-07-12), pages 1-7,            XP002213585</p> <p>* page 2, line 11 - line 17 *            * page 3, line 9 - line 22 *            * page 5, line 37 - line 45 *            * page 5, line 47 - page 6, line 4 *</p> <p>---</p>	1-16	H04L12/28 H04L12/24 H04L12/26 H04Q7/36 H04Q7/38
A,D	<p>US 5 933 420 A (FISHER DAVID A ET AL)            3 August 1999 (1999-08-03)</p> <p>* the whole document *</p> <p>---</p>	1-16	
A,D	<p>US 6 049 549 A (GANZ AURA ET AL)            11 April 2000 (2000-04-11)</p> <p>* the whole document *</p> <p>---</p>	1-16	
A,D	<p>US 6 092 117 A (GLADWIN S CHRISTOPHER ET AL)            18 July 2000 (2000-07-18)</p> <p>* the whole document *</p> <p>---</p>	1-16	H04L H04Q
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		25 June 2003	BITTERMANN, J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : document of general interest D : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : experimental, but published on, or after filing date D : document cited in the application L : document cited for other reasons B : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
 The members are as contained in the European Patent Office EOP file on  
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25-06-2003

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